

DENTAL IMPLANTS AND METHODS FOR THEIR FABRICATION AND USE

ABSTRACT OF THE DISCLOSURE

A dental implant for use in replacing a nonfunctional tooth includes an abutment and a base. The base of the implant has a topography this is substantially identical to the topography of the root of the nonfunctional tooth. Accordingly, the use of the implants eliminates the need for conventionally used bone drills and other traumatic preparing procedures for implant. The implant may be fabricated from a single piece of material so that the abutment and the base are unitary. In addition, the surface of the base may be treated to enhance post-implant bone growth to the base.